

Dorothy Wynne, an instructor in the Summer Science Program, helps student Jason Altmann test his lung capacity with a spirometer in Gallaudet's biology lab.

Gifted teenagers learn that science can be more than merely a hobby

Perhaps for the first time in their lives, 30 deaf and hard of hearing teenagers this summer were awakened to the idea that science can be a viable career for them.

Gifted students ages 14 to 16 from 21 states came to Gallaudet June 26 to July 23 to participate in the annual Summer Science Program (SSP). This year's focus was on the human body, studied from the perspectives of chemistry, physics, and biology.

The goal of SSP, which is partly funded by a grant from the National Science Foundation (NSF), is to encourage female students and students in minority groups to consider science as a possible career. Students don't just spend their summer holed up in a laboratory doing experiments—they go out on field trips and meet deaf people who actually use their scientific training in their careers.

Field trips and guest lectures were organized by Anjali Desai-Margolin, career coordinator at Gallaudet's Career Center. This year's trips included tours of the Kinesiology Lab at Prince George's Community College, the National Institutes of Health, the National Museum of Health and Medicine, the Air and Space Museum, and the Rapp Funeral Home, which employs a deaf funeral director. Deaf professionals off campus who lectured SSP students included Dr. Steven Rattner, a dentist; David Huddleston, an AIDS researcher; and Dr. Thomas Doyle, a research chemist for the Food and Drug Administration.

Role models can have a strong effect on SSP students, according to Dr. Richard Meisegeier, professor and director of Gallaudet's Honors Program. Until coming to SSP, he said,

deaf students often think a science degree can lead only to a teaching job.

For students who come from schools with weak curriculums in science, SSP may be their first exposure to the possibility of science as a career. "We have students in programs taking advanced placement chemistry," Meisegeier said, "but others have never had courses in chemistry or physics, so SSP expands their exposure."

Students also benefit from meeting other deaf people their age who are bright and motivated. "They get excited to know they're not alone out there," said Meisegeier.

Even teachers benefit from SSP. The program has traditionally invited as many as six high school teachers from programs for deaf students across the country to receive training and be assistant teachers, said Meisegeier. These teachers then return home and revise their curricula, offering more hands-on activities that help students learn science. This may end, however, to avoid competition with a new NSF-funded program, Summer Institute in Biology, initiated by Dr. Jane Dillehay, chair of the Biology Department, to train teachers in teaching biology to deaf high school students.

For the faculty who teach SSP, Meisegeier said, "It's rewarding to see students who are willing to give up their summer to come study science, a field that they themselves enjoy."

Dr. Michael Moore, an associate professor of chemistry, Dr. David Snyder, a professor of physics, and Dorothy Wynne, a science instructor at the Model Secondary School for the Deaf, taught the SSP students this summer.

Dillehay named acting dean of CAS

Dr. Jane Dillehay, chair of the University's Biology Department for the past three years, will become acting dean of the College of Arts and Sciences (CAS) when the fall 1994 academic semester begins. The announcement was made July 18 by Dr. Roslyn Rosen, vice president for Academic Affairs.

Dillehay's appointment goes into effect when Dr. Robert Williams, CAS dean for the past six years, commences his leave at the start of the semester. Williams will resume professional functions within the Psychology Department beginning with the spring 1995 semester.

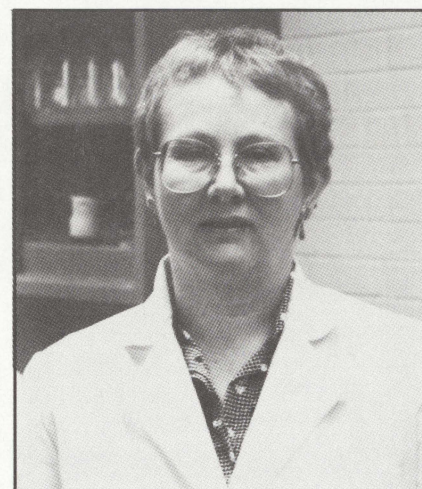
"Dr. Dillehay will bring another unique dimension of leadership to the Academic Affairs Management Team [AAMT] and to the University," said Rosen.

Dillehay began her career at Gallaudet as a faculty member in the Biology Department in 1980, the same year she received her Ph.D. in molecular biology from the Carnegie-Mellon University of Pittsburgh, Pa. She chaired the CAS section of the University's Middle States Association reaccreditation review that led to the University's 1991 reaccreditation. She also has served as a member of the Committee on Undergraduate Education, Committee D (Nominations, Elections, Grievances) of the University Faculty, the Honors Council, and

several other committees.

In addition, Dillehay has been instrumental in helping CAS with an internal program evaluation concept. Currently, she is serving as director of a summer institute in biology for teachers of deaf students that is funded by the National Science Foundation.

"Naturally, I see my appointment as acting dean as a challenge," said Dillehay. "I am looking forward to working with the faculty, staff, and students of CAS as well as the members of AAMT and ASSD [Academic Support and Student Development]."



Dr. Jane Dillehay

McCaskill-Emerson helps promote ADA

Carolyn McCaskill-Emerson, coordinator of Minority Achievement and Multicultural Programs at the Center for Curriculum Development, Research, and Evaluation at the Kendall Demonstration Elementary School, will soon be in the eyes of the national public when a new televised public service announcement on the Americans with Disabilities Act (ADA) is unveiled.

McCaskill-Emerson, who is black and deaf, was filmed with Attorney General Janet Reno and four other people with disabilities on July 13 at the Justice Department in Washington, D.C. Included were a Japanese man in a wheelchair, a white man in a wheelchair, a black blind woman with her guide dog, and an elderly, white hard of hearing man.

Reno then did a radio broadcast for the PSA explaining the ADA and how the Justice Department can answer questions, McCaskill-Emerson said.

The following day, McCaskill-Emerson was filmed using a TTY and signing the phrase "use the phone" at the Justice Department.

Five PSAs will be produced, including a 60-second audio announcement for radio and two 30-second and two 15-second announcements for videotape. Copies of the PSAs will be

distributed to public and commercial television and radio stations, and organizations representing people with disabilities. The PSAs will be unveiled during a fourth-anniversary celebration of the ADA July 25th.

Karen Peltz Strauss, staff attorney II in the National Center for Law and Deafness, recommended McCaskill-Emerson because of her role in

"ADA: Access for Deaf Americans," a videotape produced by the National Academy at Gallaudet as part of the ADA Communications Accommodations Project (CAP) in ASL with voice-overs and open captions for use in training workshops and classrooms, McCaskill-Emerson said. McCaskill-Emerson was also interviewed on ABC network's "Good Morning America" because of her role in the videotape.

"I think it's wonderful that someone in her position is taking the initiative to educate the public," McCaskill-Emerson said of Reno. "She's sending the message that we're serious about enforcing that law, that it's not just paper."

"I'm sure the general public has heard of the ADA, but not in depth," she added. "I hope [the PSAs] will clarify unanswered questions for them."

Educators develop plan to teach math to deaf and hard of hearing students

An advisory committee of professionals in deaf and mathematics education from across the United States gathered at MSSD June 26 to July 1 to develop a five-year action plan to change the way mathematics is taught to deaf and hard of hearing students.

The National Action Plan for Mathematics Education Reform for Deaf and Hard of Hearing Students (NapMerd) is a direct response to the National Council of Teachers of Mathematics (NCTM) new standards for kindergarten through grade 12, published in 1989 and revised in 1991.

"These changes could have a big impact on students who are deaf," said Dr. Charles Dietz, an instructor in MSSD's Postsecondary Enrichment Program and coordinator of the action plan. "The purpose of this meeting is

to look at the NCTM standards and to try to suggest changes" for teaching deaf students that will help them meet these new standards.

According to Dietz, the new standards shift the focus of mathematics education from the computation-based emphasis of the past to a concept-based approach. In addition, they emphasize cooperative learning, interaction between students, and thinking skills, and require that students write about how they solve open-ended problems. "This is more difficult for deaf students," he said, "because of the emphasis on language."

Dietz further explained that revisions in math standards are driving changes in the Scholastic Aptitude Test and other nationally used tests, leading to more open-ended questions and fewer multiple choice questions.

"This could be a really dangerous situation for deaf students," he said. "The end result could be that deaf students will be left well behind simply because of the English requirements. This is especially true for mainstream students. But it is also an opportunity, because the overall result will be great improvement in the teaching of mathematics. We just have to find a way of making sure that the value of these reforms also reaches deaf students as well as hearing."

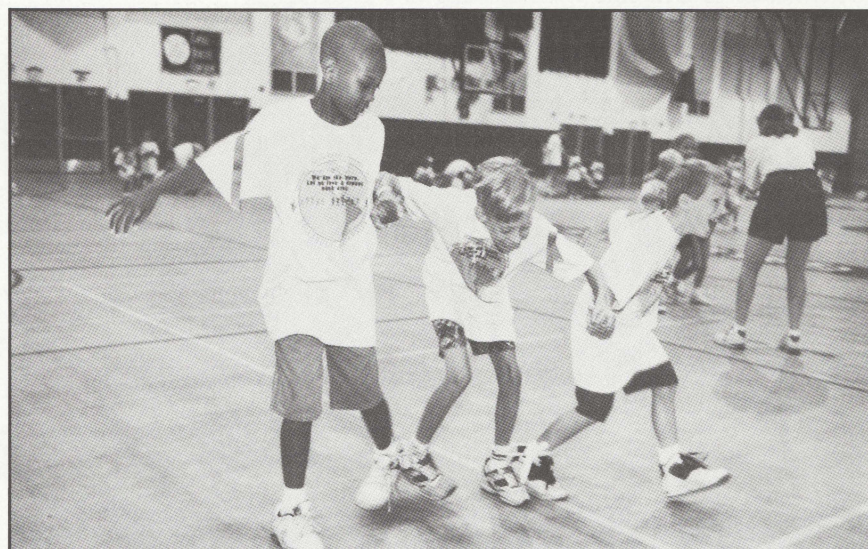
Teams of four professionals each in the six regions served by Pre-College's Educational Resource Centers on Deafness met in their regions prior to attending the conference. Dietz, Joseph "Jay" Innes of the Department of Education, and Dr. Harvey Goodstein of the Department of Mathematics and Computer Science, led these meetings, which were held in the Mid-Atlantic, Northeast, Southeast, North Central, South Central, and Western states regions.

Dietz will pull together the recommendations made by the group, whose work days often extended into the evening hours, into a written report and five-year plan for mathematics reform in deaf education that Pre-College will publish this fall. The Center for Curriculum Development, Research, and Evaluation will work with Dietz in preparing the document.

Those attending the meeting at MSSD included teachers and curriculum development specialists, administrators, and mathematics educators from schools such as The Learning Center for Deaf Children and the Horace Mann School, both of Massachusetts, the National Technical Institute for the Deaf of New York, the universities of Virginia and Wisconsin, Central Florida University, Texas A&M University, several state schools for deaf students, and the Chicago (Ill.), San Diego (Calif.), and Fairfax (Va.) public schools. The National Academy of Sciences and the National Council of Teachers of Mathematics also were represented at the conference.

Much of NapMerd's work, including this meeting, is being funded by the Annenberg Foundation/Corporation for Public Broadcasting Elementary and High School Project for Mathematics and Science, which is striving to accelerate the pace of math and science education reform in U.S. schools.

MSSD math instructor Sandra Paradis assisted at the meeting, and several other Northwest Campus and Kendall Green people participated.



"Goofy Olympics" participants struggle to maintain their balance in the four-legged race, a special event in the Children's Instructional Summer Program.

Kids learn while enjoying summer fun

On the Green readers may have noticed groups of children on campus sporting T-shirts bearing the message, "We are the future. Let us love & respect each other." The children are in the six-week Children's Instructional Summer Program, a recreational/learning program for deaf and hearing children of University faculty, staff, and students.

According to program director Anita Marchitelli, an associate professor in the Department of Physical Education and Recreation, which sponsors the program, the children have spent their days enjoying swimming, arts and crafts, dance, sign language, and computer learning. In addition, they have participated in the University's Discovery Program, doing group and physical challenge activities that teach cooperation, patience, responsibility, and self-esteem.

Marchitelli, who has been involved in the program since 1975, said that the summer program also gives Gallaudet's physical education and recreation majors, and education majors, an opportunity to have relevant work experience.

"It's a challenge to communicate with the hearing kids," said deaf counselor Tonya Killam. "I think it's great to see the kids who have never used sign language before sign one or two sentences to communicate with deaf people," declared hearing counselor Jason Clark.

Other special activities that the children enjoyed included pony rides at Gallaudet, a trip to Milford Mills quarry and swim club, a magic show, and a visit by a reptile specialist who brought along a few of his pets.

The annual "Goofy Olympics" held July 13 emphasized sportsmanship and teamwork through relay and team activities that included doing "goofy" things such as a four-legged race and passing a hula hoop without using their hands. Another fun activity was the "mummy contest" in which children carefully wrapped themselves in toilet paper, trying to avoid tearing the paper.

The program ends July 29 with a Parents' Day program in which the children will perform skits, dance, and sign songs.

Classified Ads

Classified ads are printed for Gallaudet faculty and staff. Ads must be submitted in writing in person or by mail to *On the Green*, MSSD, Room G-37. Off-campus phone numbers must include an area code and whether the number is voice or TTY. In compliance with the Education of the Deaf Act of 1992, as amended, payment of \$1 per ad per printing must accompany each ad. The deadline for submitting ads is Friday, 10 days before the desired publication. *On the Green* will not be printed Aug. 8. Ads received July 25-Aug. 5 will be printed in the Aug. 15 issue.

FOR RENT: 3-BR, 2 1/2-BA townhouse in Greenbelt, Md.; convenient to BW Pkwy, I-95/495, on bus line; faces wooded area; w/w carpet, CAC, W/D, separate util.; avail. mid-Aug. Call Lynn, (301) 345-6642 (TTY).

FOR RENT: 1 BR in huge 3-BR apt., Greenbelt, Md., area, 2 BA, W/D, pool privileges; must have own trans.; \$250/mo. Call Leigh, (301) 794-9411 (TTY).

WANTED: Caring person for affectionate, housebroken kitten; free shots, willing to pay 1/2 for spaying. Call Diane, (301) 604-6365 (TTY).

FOR SALE: Proform Crosswalk (treadmill), new, \$450; small lady's brown leather pilot jacket, \$200; Bally's (Holiday Spa) GCX membership incl. transfer fee \$3,000; prices nego. Call (301) 212-9156 (TTY) eves.

FOR SALE: 1-BR condo w/pantry, huge walk-in closet, laundry room, Rockville, Md., near Grosvenor and White Flint Metros, mortgage of approx. \$400/mo. w/5.6% financing for first-time buyer, low condo fee. Call (301) 770-1562 (V) eves.

WANTED: Deaf babysitter fluent in ASL for motivated hearing family of four (children ages 9 and 2 1/2) in Hyattsville, Md., for several hrs./day; flexible, but prefer services in exchange for room, board; 20 min. from campus. Call Jackie Lalde, (301) 386-4769 (V/TTY) Mon.-Fri.

FOR RENT: 1 BR w/priv. bath, walk-in closet, storage, kitchen and W/D privileges, parking, Greenbelt, Md. area, \$350/mo. plus 1/3 util. Call (301) 552-2132 (TTY).

WANTED: 1-2 roommates to share 2-BR, 1-BA apt. in Silver Spring, Md., close to Metro and Northwest Campus, hardwood floors, sunny kitchen, lg. living room, \$380/mo. and 1/3 util. E-mail ADVOLGER and CSS_CREAN.

FOR RENT: 1 BR w/priv. bath in 2-BR apt. in Greenbelt/Seabrook, Md., area to nonsmoker, pool and spa privileges, \$350/mo. incl. elec. Call (301) 595-8843 (V/TTY) after 6:30 p.m., or Jay at (301) 794-7067 (V/TTY) 9 a.m.-noon.

Job Openings

Some of the advertised positions may already be filled. The list below includes only new staff and faculty openings and does not represent all jobs available. To get a recorded message describing the complete list, call x5358 (V) or x5359 (TTY).

EXPERIENTIAL PROGRAMS OFF CAMPUS
PLACEMENT COORDINATOR: Career Center
INSTRUCTOR OF MATHEMATICS:
Department of Mathematics, School or Preparatory Studies

Announcements

The second "Maryland Crab Feast by the Bay" to benefit the Joe Mattivi Memorial Scholarship Fund will be held July 30 from 2-8 p.m. at the Chesapeake Ranch Estates Club House in Lusby, Md. The "First Annual Joe Fund Golf Tournament" will follow on July 31 at 1 p.m. at the Chesapeake Hills Country Club in Lusby. Tickets to the crab feast cost \$20/person. Golf tournament tickets cost \$50/individual, which include one-half cart fees, and \$200/foursome, which includes two carts. Both golf fares include green fees, lunch, beverages, and one raffle ticket per person. Non-golfers may sponsor a hole at \$50/hole. To register, send checks, payable to the Joe Mattivi Memorial Scholarship Fund, to P.O. Box 698, Lusby, MD 20657. For more information or registration forms, E-mail JFROSENTHAL.

The Deaf Sobriety Group of Alcoholics Anonymous meets Wednesdays from 5-6 p.m. Meetings are open to all recovering alcoholics regardless of hearing status. For more information, write to Gallaudet P.O. Box 2297.



Published each Monday for the staff and faculty of Gallaudet University by the Department of Publications and Production.

Editor

Todd Byrd

Editorial Staff

Lynne McConnell
Andrea Shettle
Jamie Berke

Photography Staff

Chun Louie
Joan Schlub

Typesetting

Thomas Corcoran



Gallaudet University is an equal opportunity employer/educational institution and does not discriminate on the basis of race, color, sex, national origin, religion, age, hearing status, disability, covered veteran status, marital status, personal appearance, sexual orientation, family responsibilities, matriculation, political affiliation, source of income, place of business or residence, pregnancy, childbirth, or any other unlawful basis.